

In re Patent Application of:

BRUNA ET AL.

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In the Specification:

Please replace the paragraph beginning at page 14, line 11, with the following rewritten paragraph:

For example, FIG. 2 shows a relation between the basic compression factor bp_b and the gain factor G for a camera having a CDD with 1 million light-sensitive cells and for images of 640x480 pixels, with a factor $S=0.2$ ~~$S=0.2$~~ and a target compression factor $bp_t=2$ bit/pel. This relation can be interpolated as a quadratic function. In other words, the gain factor G can be estimated using the relation

$G=C_2 \cdot bp_b^2 + C_1 \cdot bp_b + C_0$. The parameters C_2 , C_1 and C_0 depend on the characteristics of the camera 100 and the target compression factor bp_t .

Please replace the paragraph beginning at page 15, line 9, with the following rewritten paragraph:

The basic compression factor bp_b is calculated by summing the numbers $ZZbits$ associated with ~~every~~ each block. A constant value indicating the number of bits required to encode the header of the compressed digital image $JImg$ is then added to the sum. The result is divided by the number of pixels $(N.M)$.